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TI Catalytic polymerization of propargyl alcohol

IN Fan, Liming; Yang, Yingsong; Ha, Chengyong

PA Guangzhou Institute of Chemistry, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 6 pp.

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AB Polymers are prepared by heating propargyl alc., halogenating agents (CCl₄ or CBr₄), catalysts ((Ph₃P)₂PdCl₂ or PdCl₂), and solvents (pyridine-DMF) at ratio 1:(0.006-1.2):(0.0005-0.005):(0.25-10) at 60-120° for 3-30 h, washing, and drying. A pyridine salt of chlorinated poly(propargyl alc.) was prepared